

Appl. No. 10/728,875

Amendments to the Specification:

Please replace the former title of the application "Diversity Hand-Off Apparatus and Method" with a new title "Methods and Systems for Combining Data Frames in Diversity Hand-Off"

Please replace the paragraph starting on p. 1, line 1 with the following amended paragraph:

Related Applications

This Application contains subject matter which is related to co-pending U.S. Patent Application No. ~~attorney docket 50935-1~~ 10/728,874 filed on the same day as this Application and co-pending U.S. Patent Application No. ~~attorney docket 50935-3~~ 10/728,807 filed on the same day as this Application.

Please replace the paragraph starting on p. 10, line 27 with the following amended paragraph:

Referring to Figure 3, shown is a flow chart of a method of processing data frames, in accordance with an embodiment of the invention. At step 301, a processing path of a plurality of processing paths in which a data frame is to be processed is determined. At least one of the processing paths is a generic processing path in which different types of data frames may be processed and at least one of the processing paths is adapted for processing one type or a limited number of types of data frame. At step 302, the data frame is processed using the one or more processing engines associated with the determined processing path. In some embodiments of the invention, each processing engine forms part of at least one of the processing paths and is implemented in one of hardware, generic software and data frame type specific software.

Please replace the paragraph starting on p. 17, line 20 with the following amended paragraph:

Referring now to Figure 5B, shown is a flow chart of steps used by the Iub/Iur Rx 120 of Figure 4 in parsing the received data frames and pre-pending static headers if required. At step 310, if a data frame is required to be parsed to obtain additional information required for further processing, the data frame is parsed (step 320) and the information is stored for further processing (step 330). At steps 320, 330, the information being extracted from the data frame